

An Integrated Circuit Structure and A Design Method Thereof

Abstract of the Disclosure

5 The present invention discloses an integrated circuit structure and a
design method thereof, in which a circuit passageway is arranged at each
circuit element terminal in circuit design stage. The arranged circuit
passageway does not only increase layout flexibility in circuit simulation
stage but also simplify layout difficulty when the circuit layout needs to be
10 modified after taping out stage. Also, the circuit passageway can minimize
modified metal layers, i.e. the number of modified masks is minimized.
Because the expense of fab is based on the utilized layers and number of
masks instead of designs of masks, the present invention will not increase
the expense in taping out stage and can save the cost of research and
15 development when modifications are required.